

STAINLESS AND HEAT-RESISTANT STEELS (BALANCE IRON)

No.1

Material Name	Cr	Ni	C max	Mn max	P max	Si max	Other
201(AISI)	16/18	3.5/5.5	0.15	7.5	0.06	1.0	N 0.25Max
202	17/19	4/6	0.15	10.0	0.06	1.0	N 0.25Max
204	18	5.0	0.07	9		0.5	N 0.2
205	17	1.4	0.18	15	0.03	0.4	N 0.35
301	16/18	6/8	0.15	2	0.045	1.0	
302	17/19	8/10	0.15	2	0.045	1.0	
303	17/19	8/10	0.15	2	0.20	1.0	S 0.15Min
303SE	17/19	8/10	0.15	2	0.20	1.0	Sc0.15Min
304	18/20	8/12	0.08	2	0.045	1.0	
304L	18/20	8/12	0.03	2	0.045	1.0	
305	17/19	10/13	0.12	2	0.045	1.0	
308	19/21	10/12	0.08	2	0.045	1.0	
309	22/24	12/15	0.20	2	0.045	1.0	
309S	22/24	12/15	0.08	2	0.045	1.0	
310	24/26	19/22	0.25	2	0.045	1.5	
310S	24/26	19/22	0.08	2	0.045	1.5	
311	18/20	24/26	0.25	2	0.045	3.0	
312	23/26	8/11	0.25	2	0.045	3.0	
316	16/18	10/14	0.08	2	0.045	1.0	Mo2.0/3.0
316L	16/18	10/14	0.03	2	0.045	1.0	Mo2.0/3.0
317	18/20	11/15	0.08	2	0.045	1.0	Mo3.0/4.0
321	17/19	9/12	0.08	2	0.045	1.0	TiS × CMin
330	14/16	33/36	0.25	2	0.045	0.75	
347	17/19	9/13	0.08	2	0.045	1.0	Cb + Ta10 × CMin
348	17/19	9/13	0.08	2	0.045	1.0	Cb + Ta10 × CMin Ta0.10Max Co0.10Max
403	11.5/13		0.15	1	0.04	0.5	
405	11.5/14.5		0.08	1	0.04	1.0	A10.10/0.30
409	10.5/13.5		0.05	0.55	0.50	0.50	A10.5,Ti0.45
410	11.5/13.5		0.15	1	0.04	1.0	
414	11.5/13.5	1.25/2.5	0.15	1	0.04	1.0	
416	12/14		0.15	1.25	0.06	1.0	S 0.15Min
420	12/14		0.15Min	1	0.04	1.0	
430	14/18		0.12	1	0.04	1.0	
431	15/17	1.25/2.5	0.20	1	0.04	1.0	
434	16/18		0.12	1	0.04	1.0	Mo1.0
440A	16/18		0.75	1	0.04	1.0	Mo0.75Max
440B	16/18		0.95	1	0.04	1.0	Mo0.75Max
440C	16/18		1.20	1	0.04	1.0	Mo0.75Max
442	18/23		0.20	1	0.04	1.0	
446	23/27		0.20	1.5	0.04	1.0	N 0.25Max
501	4/6		0.1Min	1	0.04		Mo0.4/0.65
502	4/6		0.1	1	0.04		Mo0.4/0.65

STAINLESS AND HEAT-RESISTANT STEELS (BALANCE IRON)

No.2

Material Name	Cr	Ni	C max	Mn max	P max	Si max	Other
HA	8/10		0.2	0.65		1	Mo0.9/1.2
HC	26/30	4.0Max	0.5	1.0		2	
HD	26/30	4/7	0.5	1.5		2	
HE	26/30	8/11	0.5	2.0		2	
HF	18/23	9/12	0.4	2.0		2	
HH	24/28	11/14	0.5	2.0		2	N 0.2Max
HI	26/30	14/18	0.5	2.0		2	
HK	24/28	18/22	0.6	2.0		2	
HL	28/32	18/22	0.6	2.0		2	
HN	19/23	23/27	0.5	2.0		2	
HT	13/17	33/37	0.75	2.0		2.5	
HJ	17/21	37/41	0.75	2.0		2.5	
HW	10/14	58/62	0.75	2.0		2.5	Mo0.5Max
HX	15/19	64/68	0.75	2.0		2.5	
HU	17/21	37/41	0.75	2.0		2.5	Mo0.5Max
HP	25	35	0.40				
MP35	20	35					Co35 Mo10
17-4Ph	16.50	4.0	0.07	1.0	0.04		Cu4.0,Cb + Ta0.3
17-7Ph	17.0	7.1	0.09	1.0	0.04		Al1.0